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RAW SEQUENCE LISTING

DATE: 02/08/2002

PATENT APPLICATION: US/10/031,607

TIME: 11:45:51

Input Set : A:\2786-0199P.ST25.txt

Output Set: N:\CRF3\02082002\J031607.raw

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3 <110> APPLICANT: SAVITZKY et al.
 5 <120> TITLE OF INVENTION: SPLICE VARIANTS OF CD40-RECEPTOR
 7 <130> FILE REFERENCE: 2786-0199P
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/031,607
 10 <141> CURRENT FILING DATE: 2002-01-22
 12 <160> NUMBER OF SEQ ID NOS: 12
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 19 <213> ORGANISM: Homo sapiens
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 24 gaaccaccca ctgcatgcag agaaaaacag tacctaataa acagtcagtg ctgttctttg 120
 26 tgccagccag gacagaaact ggtgagtgac tgcacagagt tcaactgaaac ggaatgcctt 180
 28 ccttgcggtg aaagcgaatt cctagacacc tggaacagag agacacactg ccaccagcac 240
 30 aaatactgcg accccaacct agggcttcgg gtccagcaga agggcacctc agaaacagac 300
 32 accatctgca cctgtgaaga aggctggcac tgtacgagtg aggcctgtga gagctgtgtc 360
 34 ctgcaccgct catgctcgcc cggcttttgg gtcaagcaga ttgctgtgag accaaagacc 420
 36 tggttgtgca acaggcaggc acaaacaaga ctgatgttgt ctgtggtccc caggatcggc 480
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 48 <222> LOCATION: (3)..(3)
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 55 <223> OTHER INFORMATION: n = any nuceic acid
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 61 <223> OTHER INFORMATION: n = any nucleic acid
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 66 <222> LOCATION: (1107)..(1107)
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 85 <223> OTHER INFORMATION: n = nay nucleic acid
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 91 attcccggga tggttcgtct gcctctgcag tgcgtcctct ggggctgctt gctgaccgct 120
 93 gtccatccag aaccacccac tgcattgcaga gaaaaacagt acctaatata cagtcagtgc 180
 95 tgttttttgt gccagccagg acagaaactg gtgagtgcact gcacagagtt cactgaaacg 240
 97 gaatgccttc cttgcggtga aagcgaattc ctgacacact ggaacagaga gacacactgc 300
 99 caccagcaca aatactgcga ccccaacctt gggttcggg tccagcagaa gggcacctca 360
 101 gaaacagaca ccattctgcac ctgtgaagaa ggctggcact gtacgagtga ggctgtgag 420
 103 agctgtgtcc tgcaccgctc atgctcgccc ggctttgggg tcaagcagat tgcttgtgag 480
 105 accaaagacc tggttgtgca acaggcaggc acaaacaaga ctgatgttgt ctgtgggtccc 540
 107 caagatcggc tgagagccct ggtggtgatc cccatcatct tcgggacact gtttgccatc 600
 109 ctcttggtgc tgggtctttat caaaaagggtg gccaaagaag caaccaataa ggccccccac 660
 111 cccaagcagg aaccccagga gatcaatttt cccgacgac ttccctggctc caacactgct 720
 113 gctccagtgc aggagacttt acatggatgc caaccggtca cccaggagga tggcaaagag 780
 115 agtcgcatct cagtgcagga gagacagtga ggctgcaccc acccaggagt gtggccacgt 840
 117 gggcaaacag gcagttggcc agagagccct gtgctgctgc tgcgtgtggc tgagggtgag 900
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 123 agcccatcca gtctcccaac ttgtattaaa gacagaggca gaagctcgag cggccgcac 1080
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Output Set: N:\CRF3\02082002\J031607.raw

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 172 <223> OTHER INFORMATION: n = any nucleic acid
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 216 agtacctcca cgatggccag tgctgtgatt tgtgccagcc aggaagccga ctgacaagcc 180
 218 actgcacagc tcttgagaag acccaatgcc acccatgtga ctcaggcgaa ttctcagccc 240
 220 agtggaacag ggagattcgc tgtcaccagc acagacactg tgaacccaat caagggcttc 300
 222 ggggttaagaa ggagggcacc gcagaatcag acactgtctg tacctgtaag gaaggacaac 360
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 226 gagttatgga gatggctgtg aggataaqa cttggaggtc ctacagaaag gaacgagtca 480
 228 gactaatgtc atctgtggtt taaagtcccg gatgcgagcc ctgctggtea ttctgtcgt 540
 230 gatgggcac ctcacaccg ttttcggggt gtttctctat atcaaaaagg tggtaagaa 600
 232 accaaaggat ctcgaagcat gcggtacca gcttgctcag aagtactaga ggatcattaa 660

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Input Set : A:\2786-0199P.ST25.txt

Output Set: N:\CRF3\02082002\J031607.raw

234 tcagccatac cacatttcta gaagttttac ttgcttttaa aaaacctccc cacacctccc 720
 236 cccatgaacct gaaacataaa aattgaatgc aattggtggt tggtaactt tggtttaatt 780
 W-> 238 **ggcagcctta ttaatnggtt tacaaaatta aagccaataa gccttcccna aattttcaca 840**
 W-> 240 **aaataaaagc cttttttttt ccnactggga tttctaaatt ngnnngggtt nggnccaaaa 900**
 W-> 242 **ctnccatcaa aggggatctt natcaanggt cngg 934**
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 246 <211> LENGTH: 776
 247 <212> TYPE: DNA
 248 <213> ORGANISM: Murinae gen. sp.
 250 <400> SEQUENCE: 4
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 253 gggcagtgtg ttacgtgcag tgacaaacag tacctccacg atggccagtg ctgtgatttg 120
 255 tgccagccag gaagccgact gacaagccac tgcacagctc ttgagaagac ccaatgccac 180
 257 ccatgtgact caggcgaatt ctcagcccag tgggaacagg agattcgctg tcaccagcac 240
 259 agacactgtg aacccaatca agggcttcgg gttaagaagg agggcaccgc agaatcagac 300
 261 actgtctgta cctgtaagga aggacaacac tgcaccagca aggattgcga ggcattgtgt 360
 263 cagcacacgc cctgtatccc tggcttttga gttatggaga tggccactga gaccactgat 420
 265 accgtctgtc atccctgccc agtcggtctc ttctccaatc agtcactact ttctgaaaag 480
 267 tgttatecct ggacaagggt taaagtcccg gatgcgagcc ctgctggtca ttctgtcgt 540
 269 gatgggcac ctcacaccca ttttcggggg gttctctat atcaaaaagg tggtaagaa 600
 271 accaaaggat aatgagatgt taccocctgc ggctcgacgg caagatcccc aggagatgga 660
 273 agattatccc ggtcataaca ccgtgtctcc agtgcaggag aactgcacg ggtgtcagcc 720
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 279 <211> LENGTH: 788
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 288 tgccagccag gaagccgact gacaagccac tgcacagctc ttgagaagac ccaatgccac 180
 290 ccatgtgact caggcgaatt ctcagcccag tgggaacagg agattcgctg tcaccagcac 240
 292 agacactgtg aacccaatca agggcttcgg gttaagaagg agggcaccgc agaatcagac 300
 294 actgtctgta cctgtaagga aggacaacac tgcaccagca aggattgcga ggcattgtgt 360
 296 cagcacacgc cctgtatccc tggcttttga gttatggaga tggccactga gaccactgat 420
 298 accgtctgtc atccctgccc agtcggtctc ttctccaatc agtcactact ttctgaaaag 480
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 302 gatgggcac ctcacaccca ttttcggggg gtttccctat atcagttagt gctcaggaga 600
 304 ggaaagggag ggagggttca gccctgtcga accagcctcc tgactcacc tcgcaatgtc 660
 306 ccacacccct tcttctctc actagaaaag gtggtcaaga aaccaaagga taatgagatc 720
 308 ttacccctcg cgaactcgac gcaagatccc caggagatgg aagattatcc cggtcataac 780
 310 accgtgc
 313 <210> SEQ ID NO: 6
 314 <211> LENGTH: 809
 315 <212> TYPE: DNA
 316 <213> ORGANISM: Murinae gen. sp.
 318 <400> SEQUENCE: 6
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 321 gggcagtgtg ttacgtgcag tgacaaacag tacctccacg atggccagtg ctgtgatttg 120

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TIME: 11:45:51

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Output Set: N:\CRF3\02082002\J031607.raw

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323 tgccagccag gaagccgact gacaagccac tgcacagctc ttgagaagac ccaatgccac 180
325 ccatgtgact caggcgaatt ctacagcccag tggacacagg agattcgctg tcaccagcac 240
327 agacactgtg aaccacagtgc gtggggctgc ctgggaaggg atcaagggtc tcgggttaag 300
329 aaggagggca ccgcagaatc agacactgtc tgtacctgta aggaaggaca acactgcacc 360
331 agcaaggatt gcgaggcatg tgetcagcac acgccctgta tccctggctt tggagttatg 420
333 gagatggcca ctgagaccac tgataccgtc tgtcatccct gccagtcgg cttcttctcc 480
335 aatcagtcac cacttttcga aaagtgttat ccctggacaa ggtttaaagt cccggatgcg 540
337 agccctgctg gtcattctcg tcgtgatggg catctcatc accattttcg ggggtgttct 600
339 ctatatcaaa aagtggttca agaaacaaaa ggataatgag atgttaccac ctgcggctcg 660
341 acggcaagat ccccaggaga tggaagatta tcccggtcat aacaccgctg ctccagtcca 720
343 ggagacactg cagcgggtgc agcctgtcac acaggaggat ggtaaagaga gtcgcctctc 780
345 agtgcaggag cggcagggtg cagacagca 809

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349 <211> LENGTH: 160

350 <212> TYPE: PRT

351 <213> ORGANISM: Homo sapiens

353 <400> SEQUENCE: 7

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359 Ala Val His Pro Glu Pro Pro Thr Ala Cys Arg Glu Lys Gln Tyr Leu
360 20 25 30
363 Ile Asn Ser Gln Cys Cys Ser Leu Cys Gln Pro Gly Gln Lys Leu Val
364 35 40 45
367 Ser Asp Cys Thr Glu Phe Thr Glu Thr Glu Cys Leu Pro Cys Gly Glu
368 50 55 60
371 Ser Glu Phe Leu Asp Thr Trp Asn Arg Glu Thr His Cys His Gln His
372 65 70 75 80
375 Lys Tyr Cys Asp Pro Asn Leu Gly Leu Arg Val Gln Gln Lys Gly Thr
376 85 90 95
379 Ser Glu Thr Asp Thr Ile Cys Thr Cys Glu Glu Gly Trp His Cys Thr
380 100 105 110
383 Ser Glu Ala Cys Glu Ser Cys Val Leu His Arg Ser Cys Ser Pro Gly
384 115 120 125
387 Phe Gly Val Lys Gln Ile Ala Val Arg Pro Lys Thr Trp Leu Cys Asn
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392 145 150 155 160

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397 <212> TYPE: PRT

398 <213> ORGANISM: Homo sapiens

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410 Ile Asn Ser Gln Cys Cys Ser Leu Cys Gln Pro Gly Gln Lys Leu Val
411 35 40 45
414 Ser Asp Cys Thr Glu Phe Thr Glu Thr Glu Cys Leu Pro Cys Gly Glu

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VERIFICATION SUMMARY

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L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:125 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3